Appendix 2 – Highest SAR Test Plots

Date: 8/22/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 836.4 MHz;Duty Cycle: 1:2.08018
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.926 S/m; ε_r = 42.446; ρ = 1000 kg/m^3

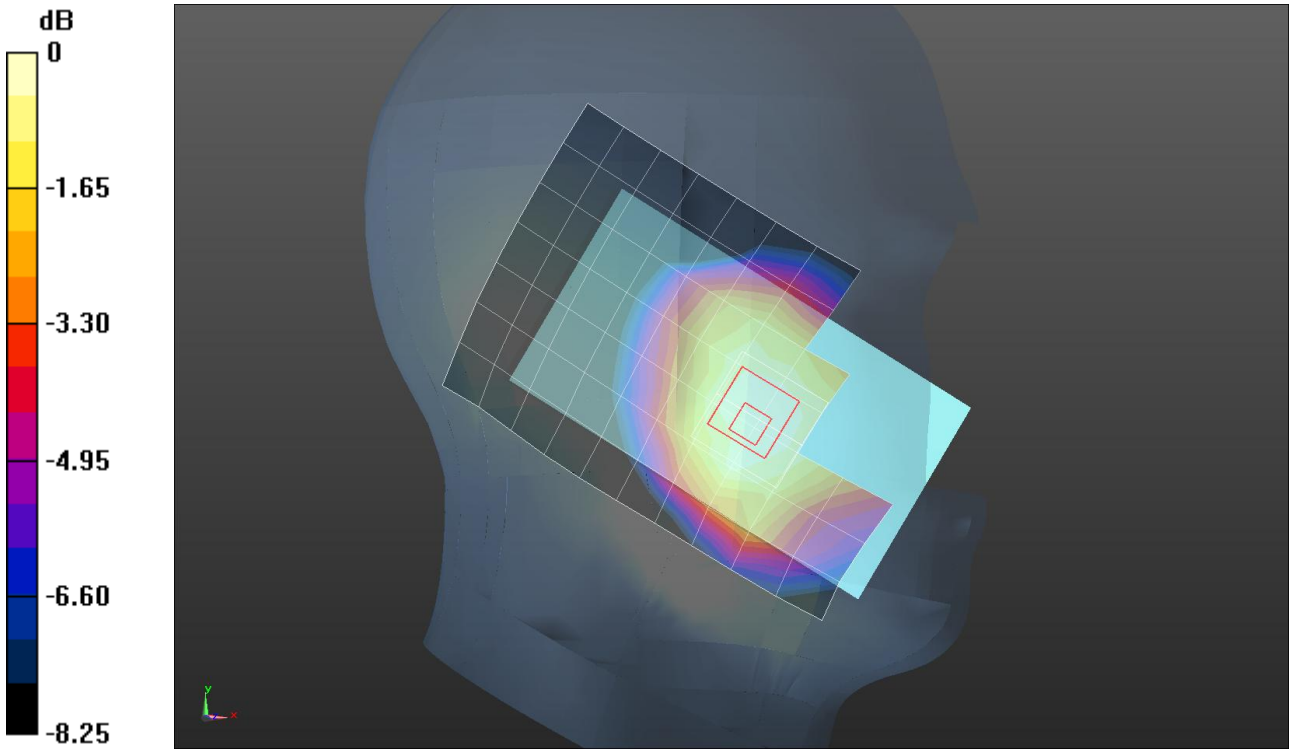
DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(8.78, 8.78, 8.78); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.230 W/kg

Head/Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.67 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.157 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kg = -6.44 dBW/kg

Date: 8/23/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 836.4 MHz;Duty Cycle: 1:2.08018
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.991 S/m; ε_r = 55.409; ρ = 1000 kg/m^3

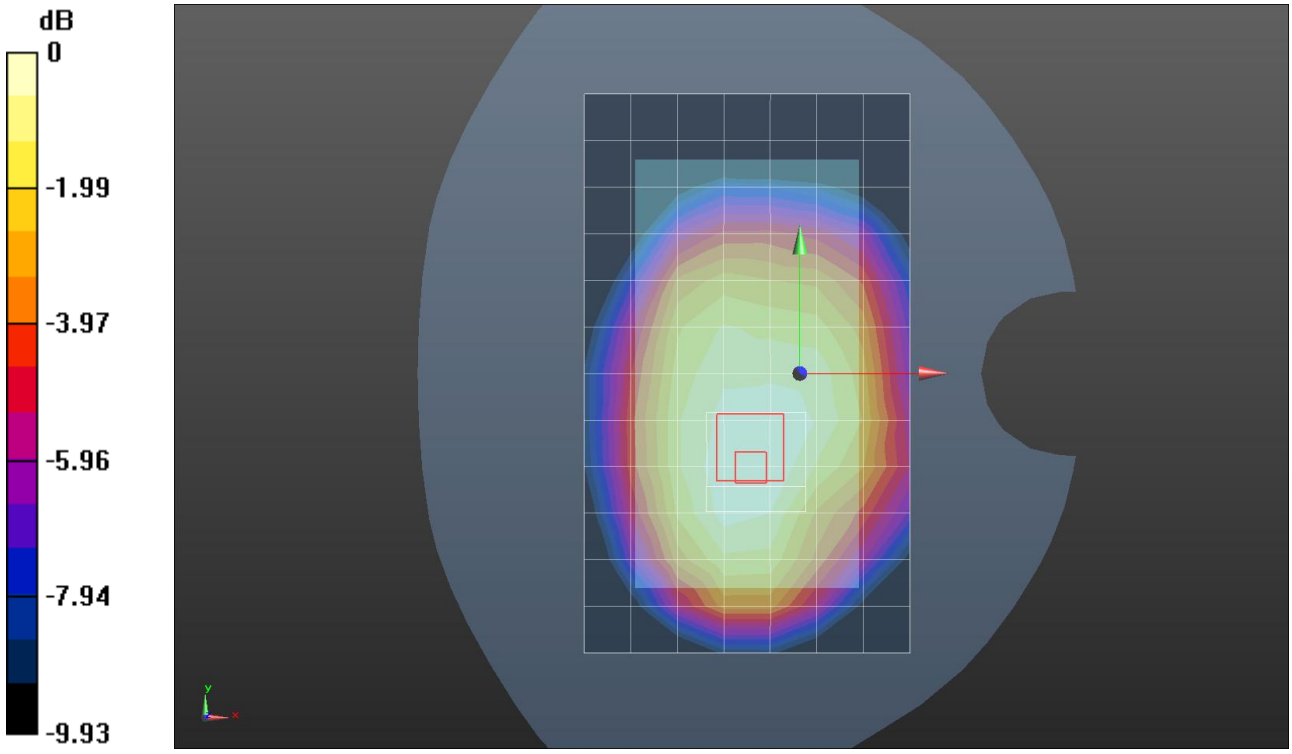
DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(8.81, 8.81, 8.81); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.355 W/kg

Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.72 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.229 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

Date: 8/27/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

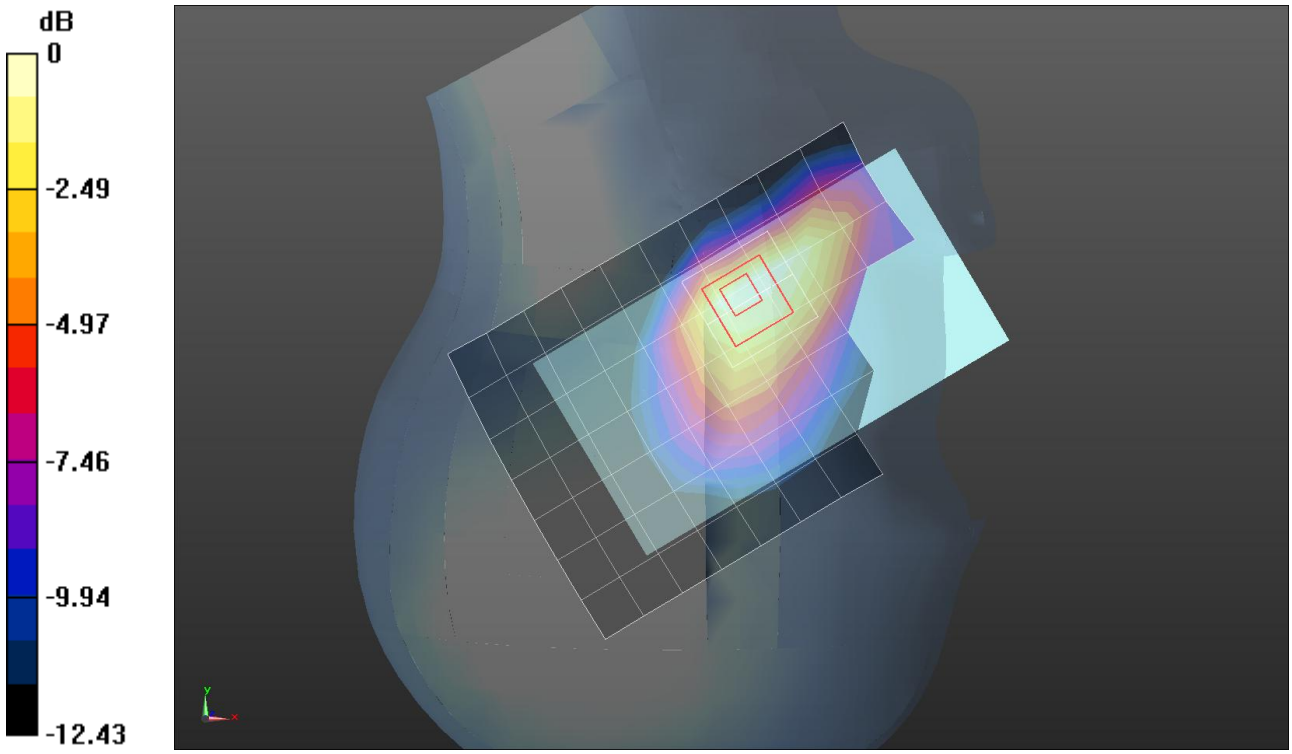
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 1880 MHz;Duty Cycle: 1:2.08018
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.376 S/m; ε_r = 40.755; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(7.29, 7.29, 7.29); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.353 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.54 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

Date: 8/26/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

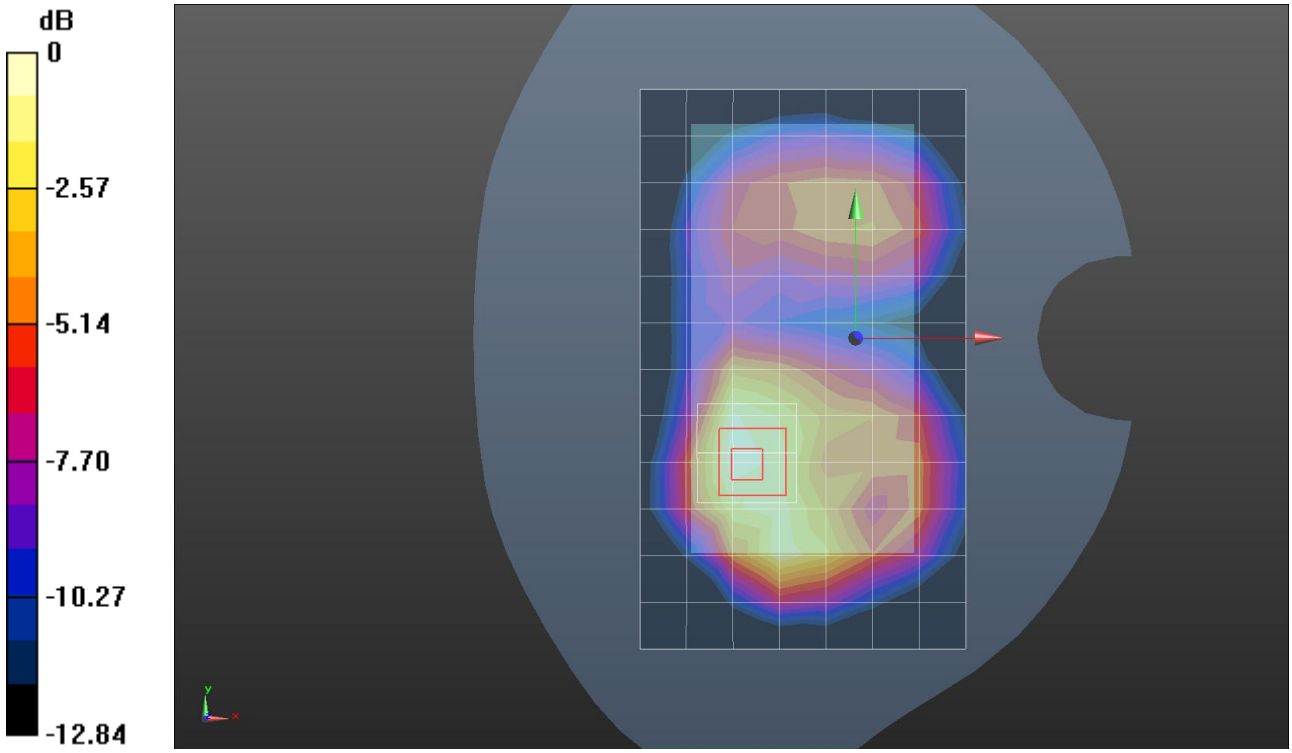
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 1880 MHz;Duty Cycle: 1:2.08018
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.514 S/m; ε_r = 52.893; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(6.99, 6.99, 6.99); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.389 W/kg

Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.67 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg = -4.00 dBW/kg

Date: 8/22/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V (Main ANT)

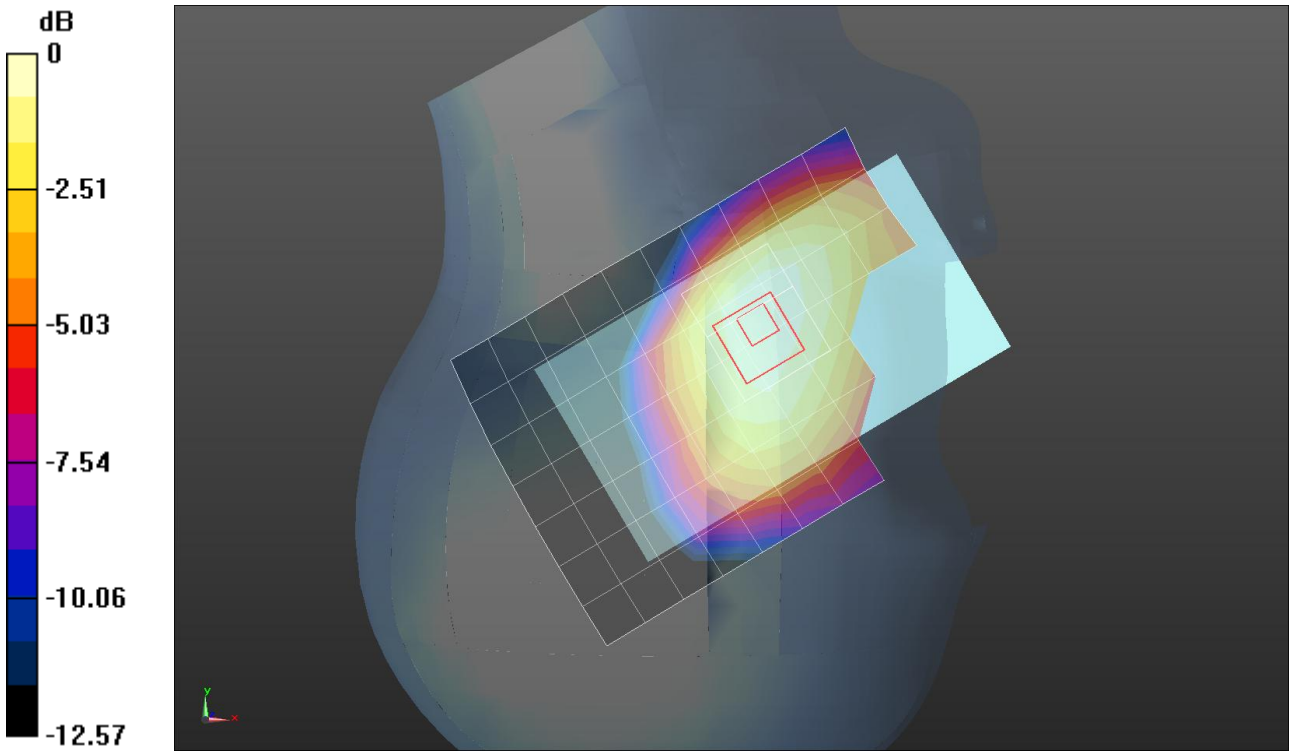
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 836.4 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.926 S/m; ε_r = 42.446; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(8.78, 8.78, 8.78); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.210 W/kg

Head/Right Touched/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.39 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.152 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Date: 8/23/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V (Main ANT)

DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 836.4 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.991 S/m; ε_r = 55.409; ρ = 1000 kg/m^3

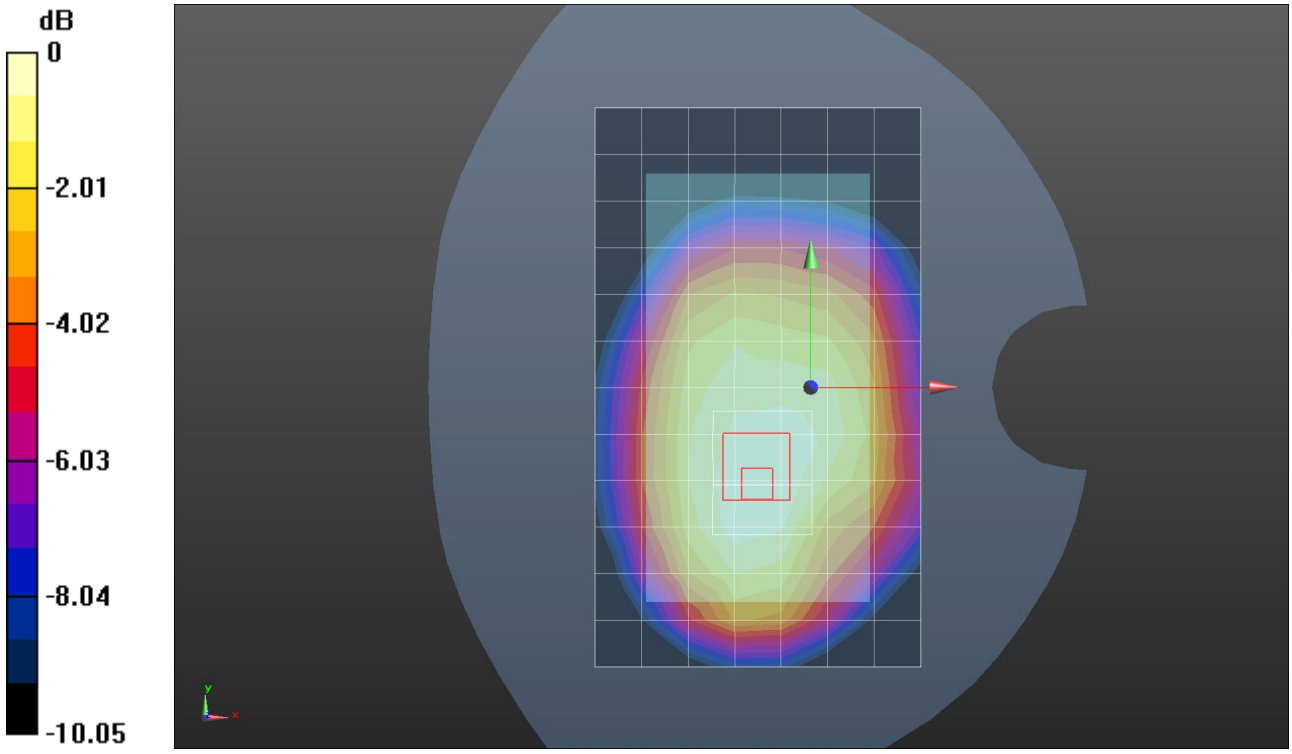
DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(8.81, 8.81, 8.81); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.351 W/kg

Body/Rear/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.232 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

Date: 8/23/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V (Sub ANT)

DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 836.4 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.922 S/m; ε_r = 42.371; ρ = 1000 kg/m^3

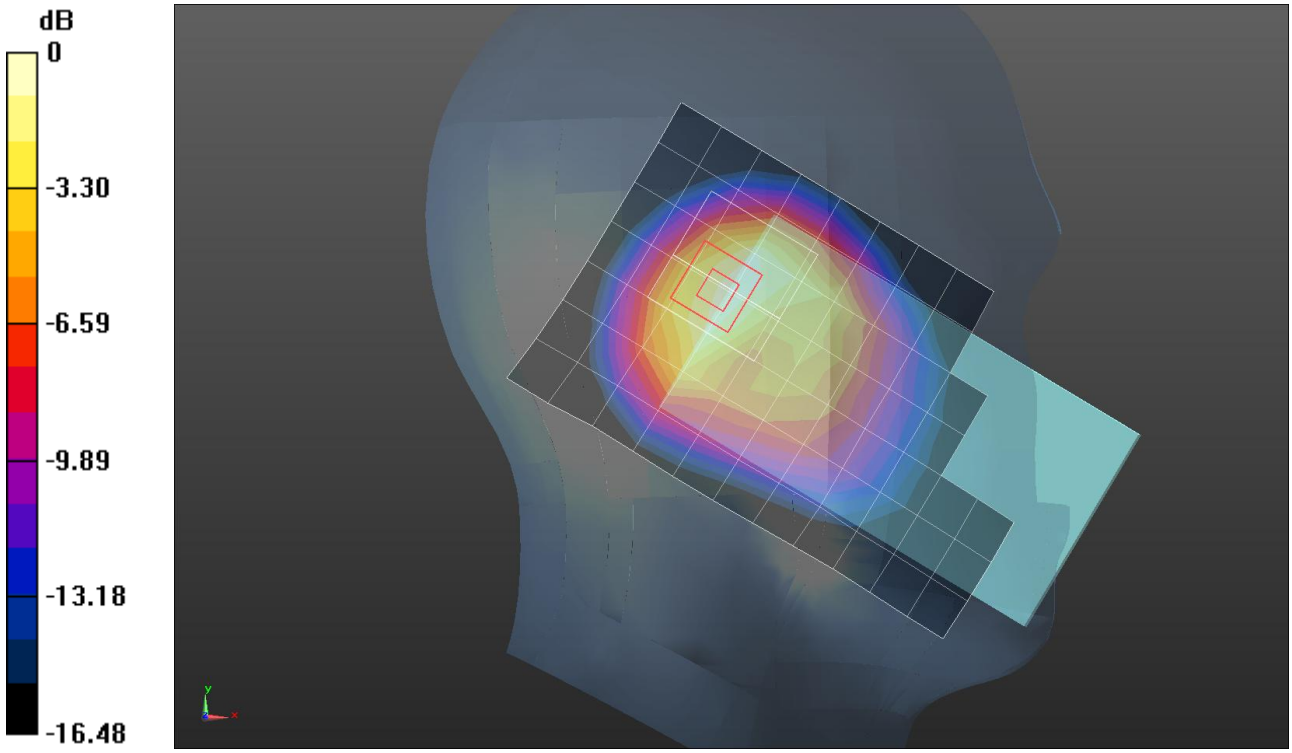
DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(8.78, 8.78, 8.78); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg

Head/Left Touched/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.45 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.485 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

Date: 8/23/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V (Sub ANT)

DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 836.4 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.991 S/m; ε_r = 55.409; ρ = 1000 kg/m^3

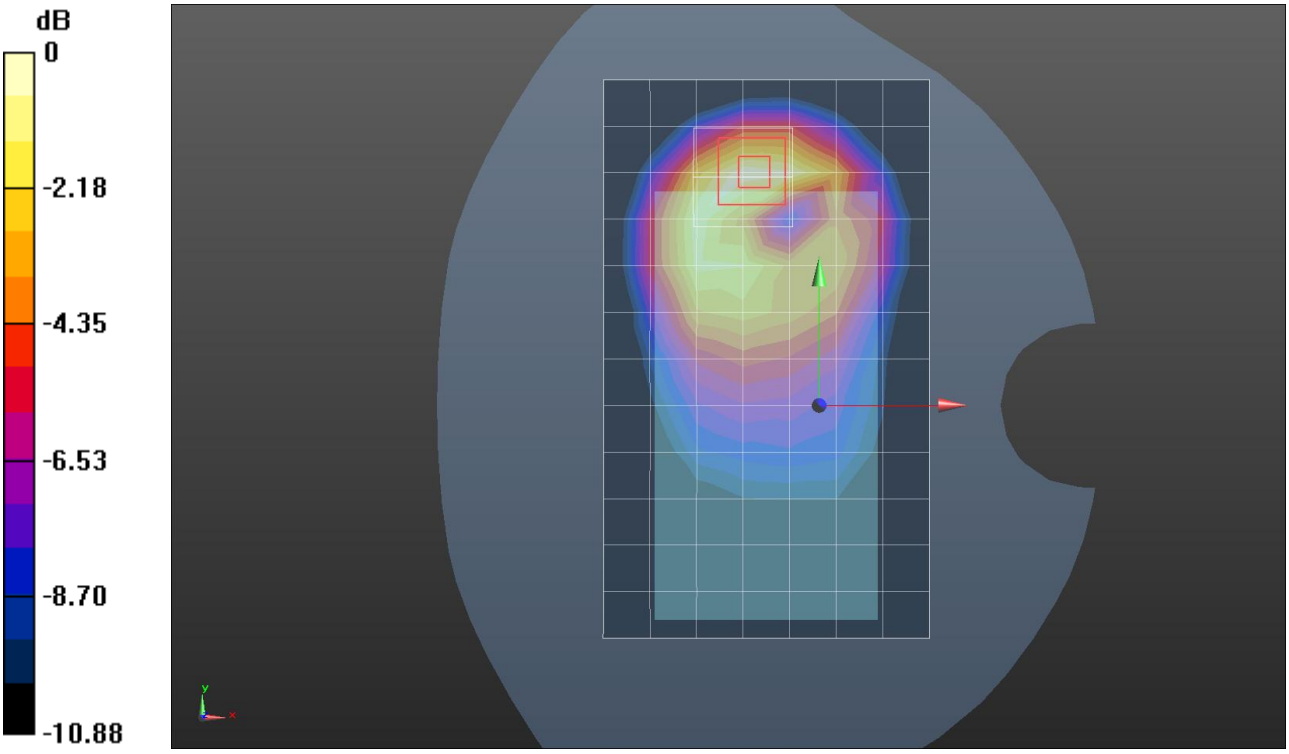
DASY5 Configuration:
- Probe: EX3DV4 - SN3745; ConvF(8.81, 8.81, 8.81); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.446 W/kg

Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.84 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.194 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Date: 9/5/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 0)

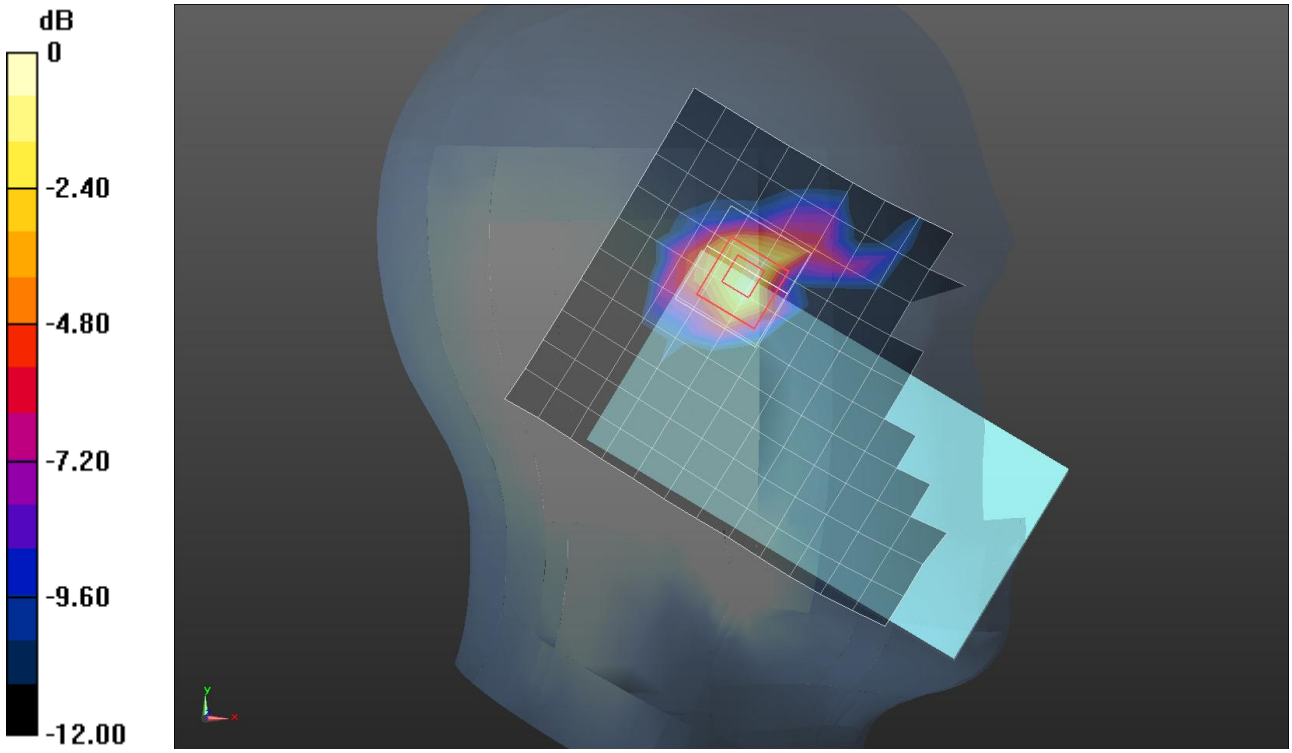
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 2437 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2437 MHz; σ = 1.832 S/m; ε_r = 39.494; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7, 7, 7); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (13x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0293 W/kg

Head/Left Touched/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.347 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0470 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.009 W/kg
Maximum value of SAR (measured) = 0.0344 W/kg



0 dB = 0.0344 W/kg = -14.63 dBW/kg

Date: 9/6/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 0)

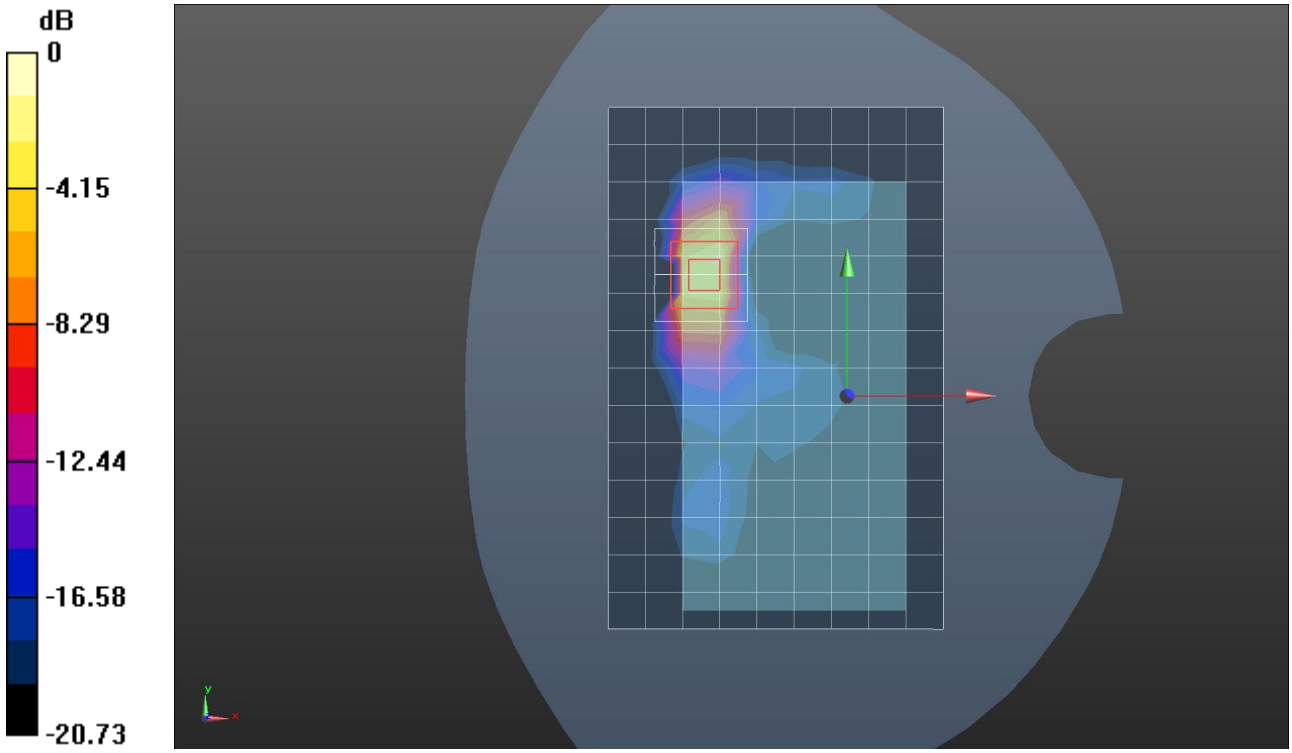
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 2437 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2437 MHz; σ = 1.915 S/m; ε_r = 52.536; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7.09, 7.09, 7.09); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.236 W/kg

Body/Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.69 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

Date: 9/5/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 1)

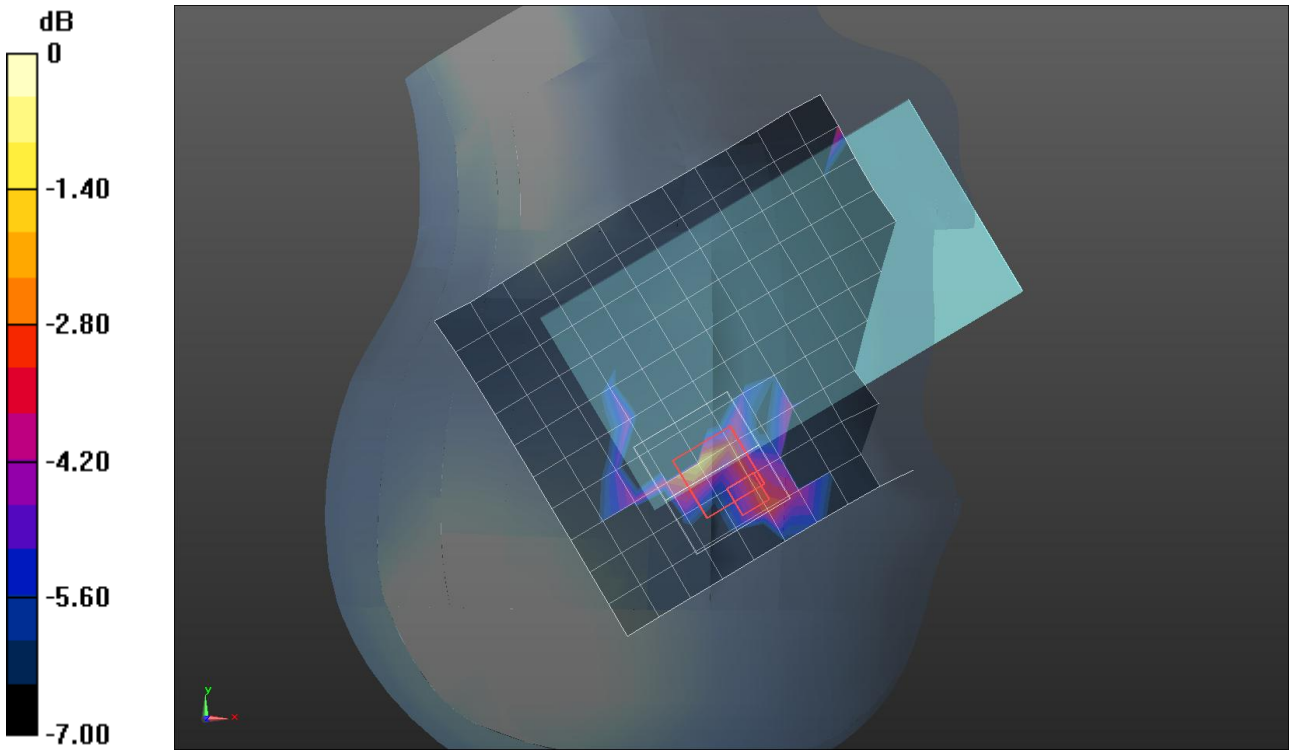
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 2437 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2437 MHz; σ = 1.832 S/m; ε_r = 39.494; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7, 7, 7); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (13x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.00317 W/kg

Head/Right Touched/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.136 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0110 W/kg
SAR(1 g) = 0.00135 W/kg; SAR(10 g) = 0.000274 W/kg
Maximum value of SAR (measured) = 0.00453 W/kg



0 dB = 0.00453 W/kg = -23.44 dBW/kg

Date: 9/6/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 1)

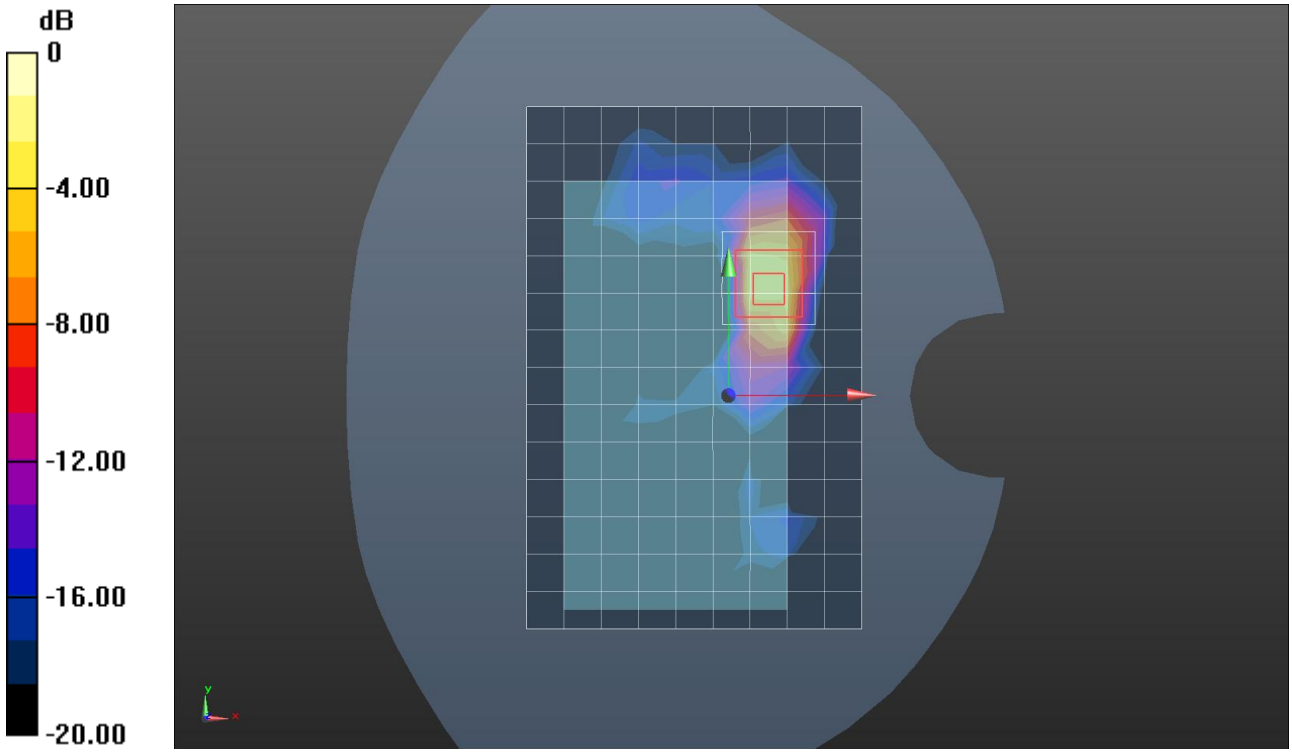
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 2437 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2437 MHz; σ = 1.915 S/m; ε_r = 52.536; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7.09, 7.09, 7.09); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0480 W/kg

Body/Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.125 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg

Date: 8/31/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

56ch / 802.11a 6Mbps (ANT 0)

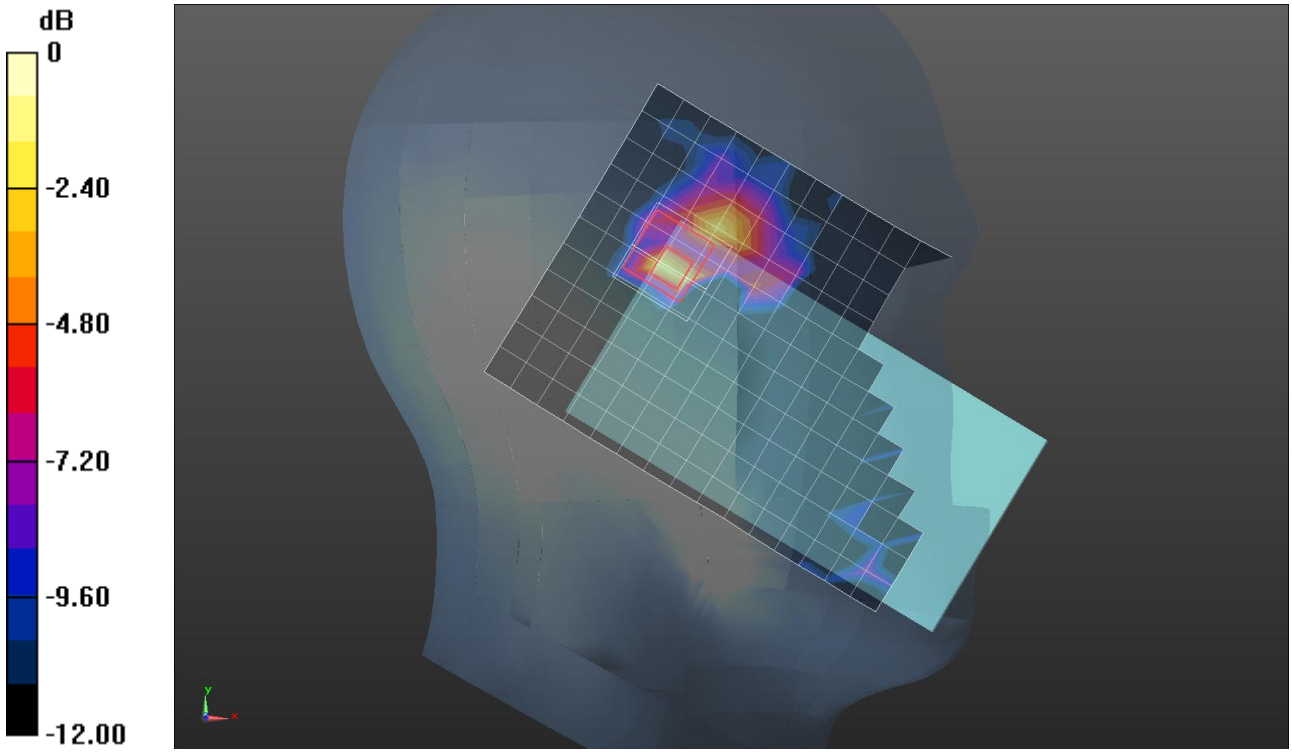
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5280 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5280 MHz; σ = 4.63 S/m; ε_r = 36.14; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(5.16, 5.16, 5.16); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0916 W/kg

Head/Left Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.876 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

Date: 9/4/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

56ch / 802.11a 6Mbps (ANT 0)

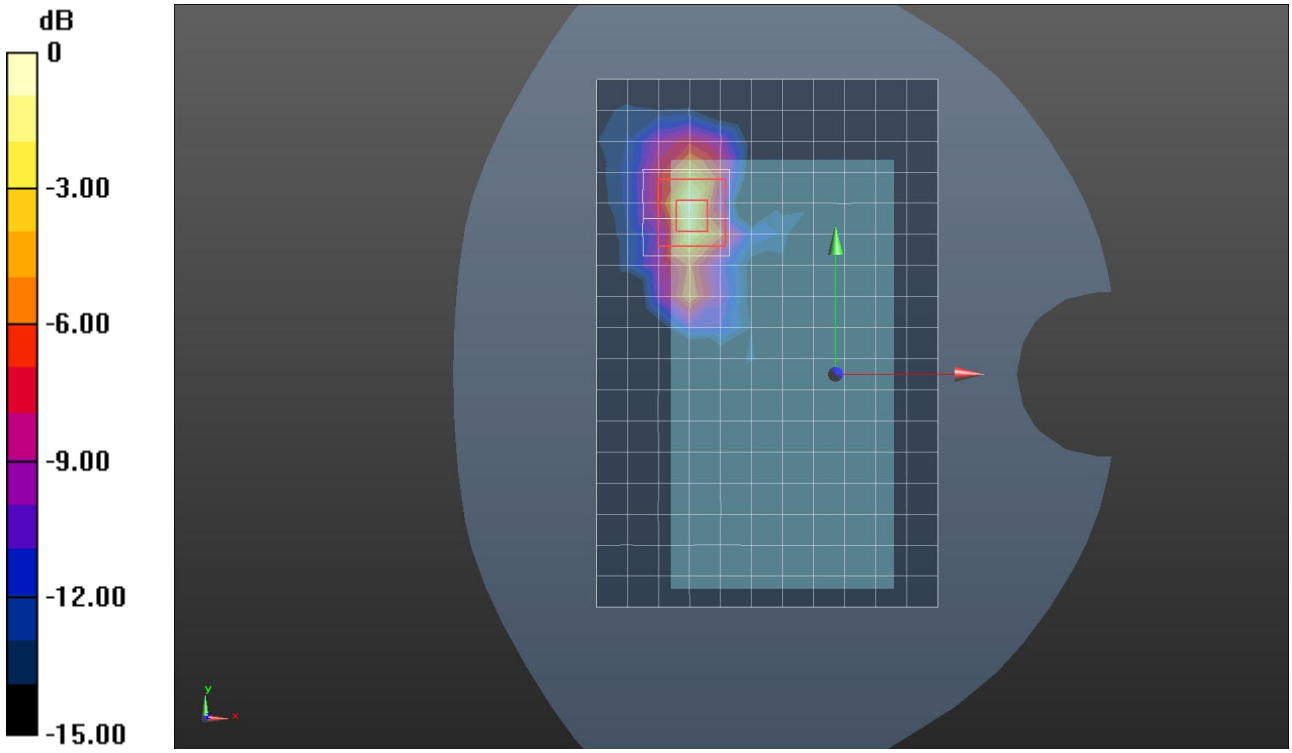
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5280 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5280 MHz; σ = 5.512 S/m; ε_r = 48.337; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.34, 4.34, 4.34); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.197 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.004 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

Date: 8/31/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

56ch / 802.11a 6Mbps (ANT 1)

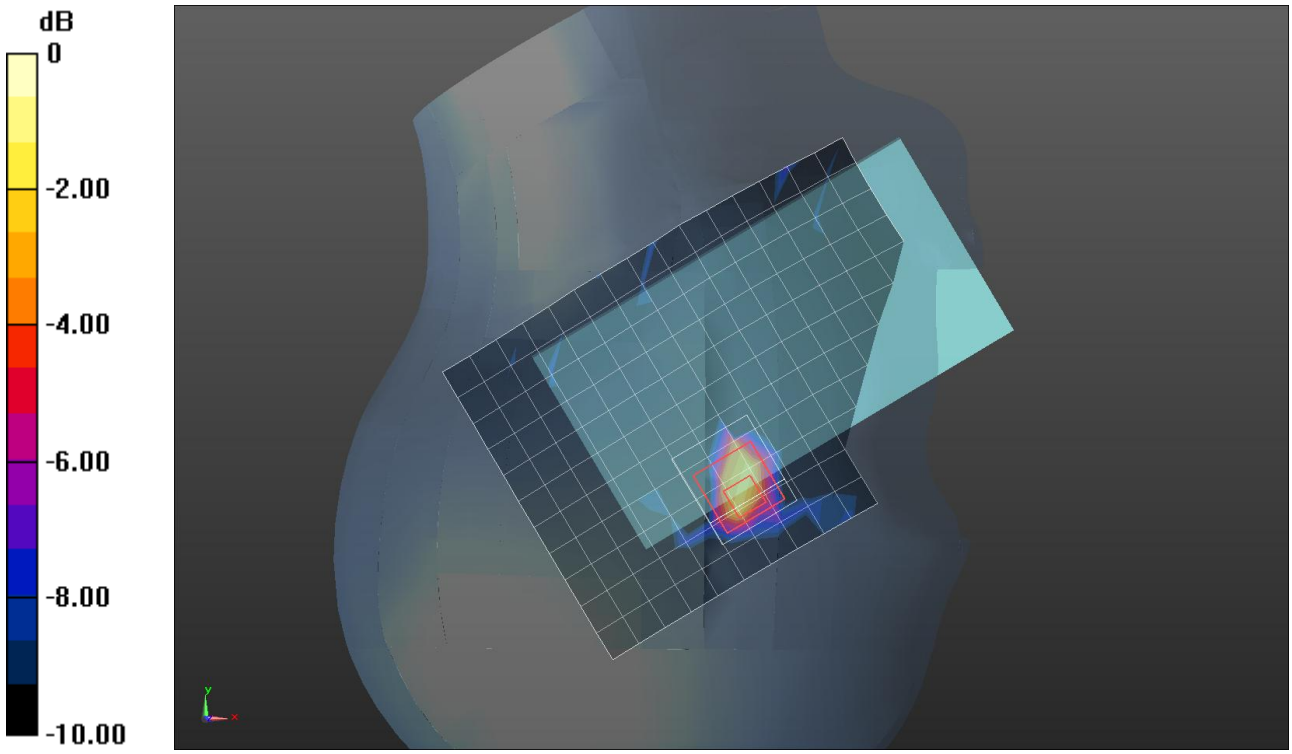
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5280 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5280 MHz; σ = 4.63 S/m; ε_r = 36.14; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(5.16, 5.16, 5.16); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0665 W/kg

Head/Right Touched/Zoom Scan (8x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.337 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0942 W/kg



0 dB = 0.0942 W/kg = -10.26 dBW/kg

Date: 9/4/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

56ch / 802.11a 6Mbps (ANT 1)

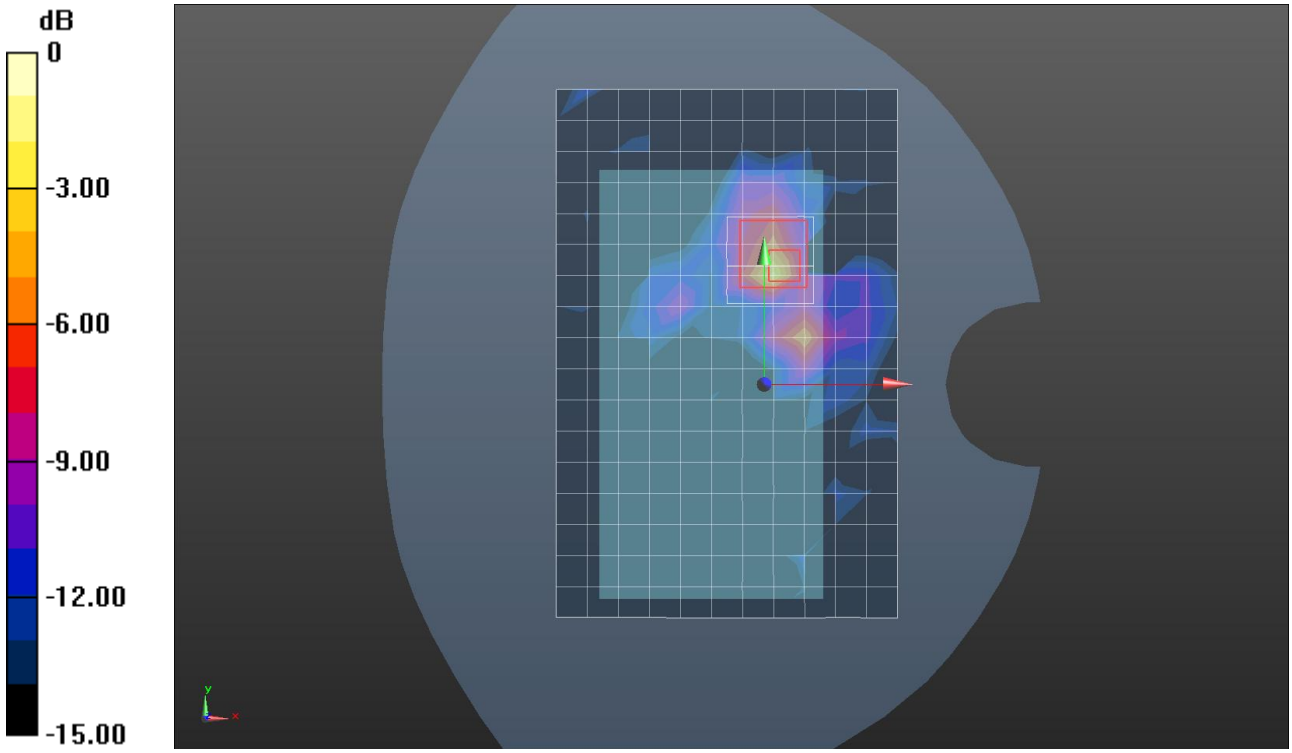
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5280 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5280 MHz; σ = 5.512 S/m; ε_r = 48.337; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.34, 4.34, 4.34); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0419 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.097 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00556 W/kg
Maximum value of SAR (measured) = 0.0752 W/kg



0 dB = 0.0752 W/kg = -11.24 dBW/kg

Date: 9/3/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

100ch / 802.11a 6Mbps (ANT 0)

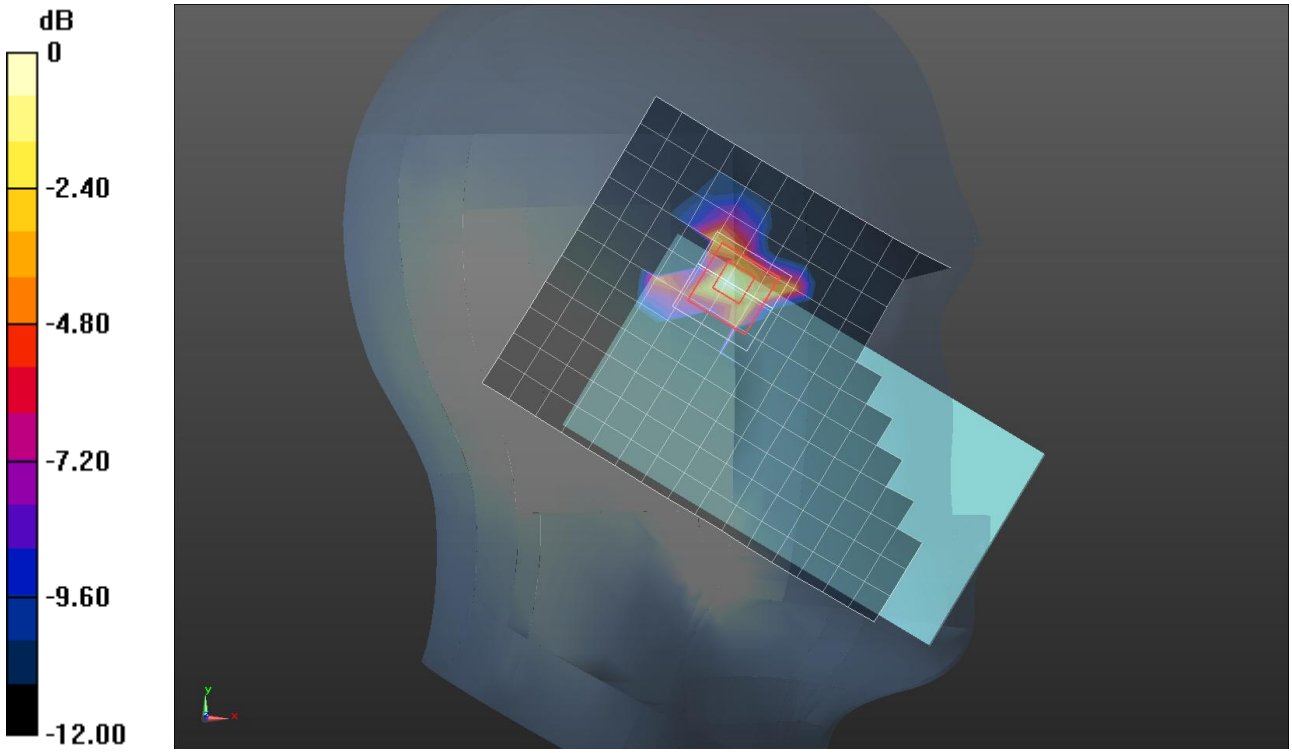
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5500 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5500 MHz; σ = 4.847 S/m; ε_r = 35.859; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.45, 4.45, 4.45); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.105 W/kg

Head/Left Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.031 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

Date: 9/4/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

100ch / 802.11a 6Mbps (ANT 0)

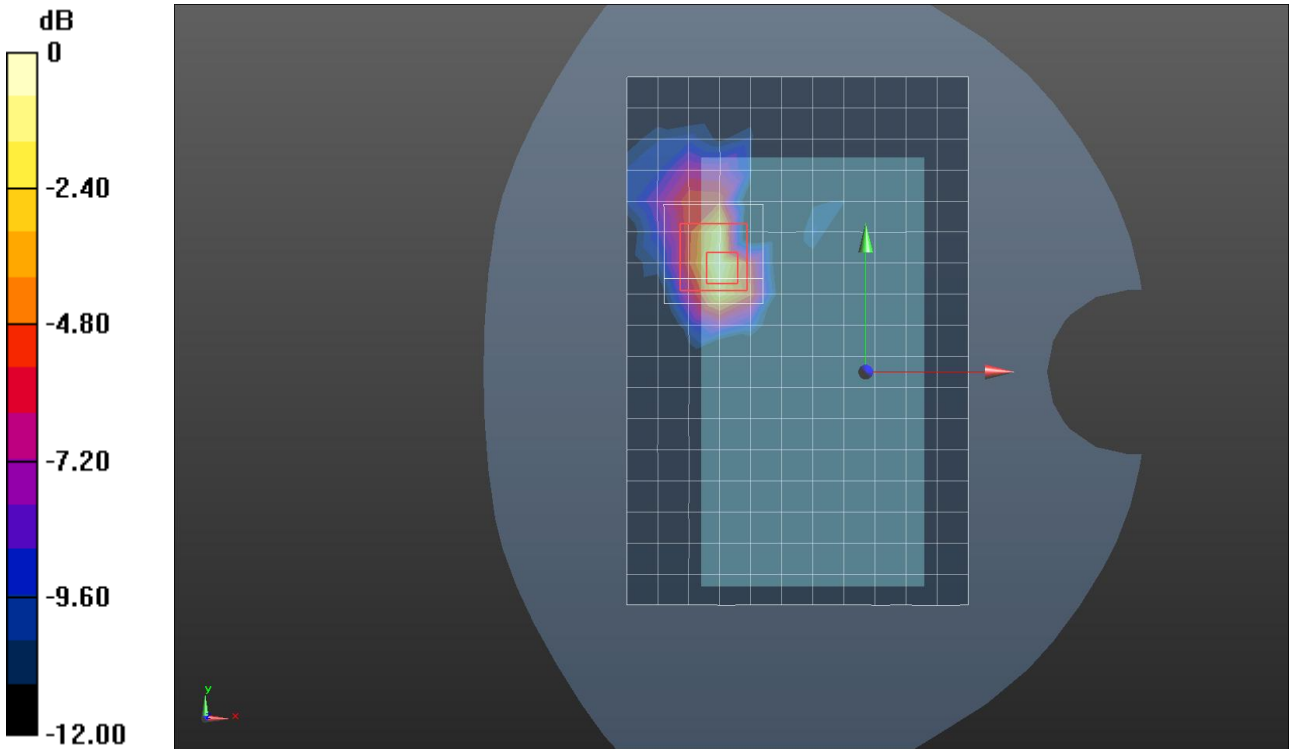
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5500 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5500 MHz; σ = 5.792 S/m; ε_r = 47.979; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(3.75, 3.75, 3.75); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0987 W/kg

Body/Rear/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.476 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

Date: 9/3/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

100ch / 802.11a 6Mbps (ANT 1)

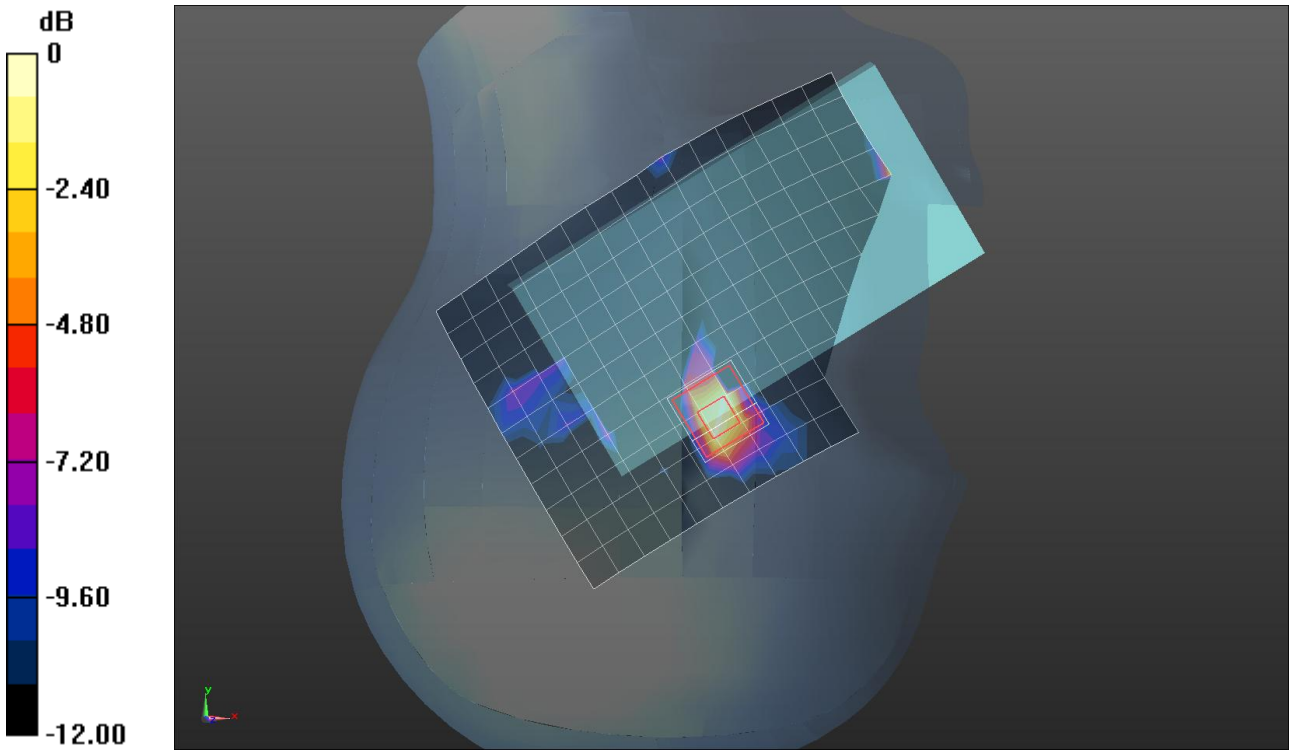
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5500 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5500 MHz; σ = 4.847 S/m; ε_r = 35.859; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.45, 4.45, 4.45); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0591 W/kg

Head/Right Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.538 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.00874 W/kg
Maximum value of SAR (measured) = 0.0680 W/kg



0 dB = 0.0680 W/kg = -11.67 dBW/kg

Date: 9/4/2015

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

100ch / 802.11a 6Mbps (ANT 1)

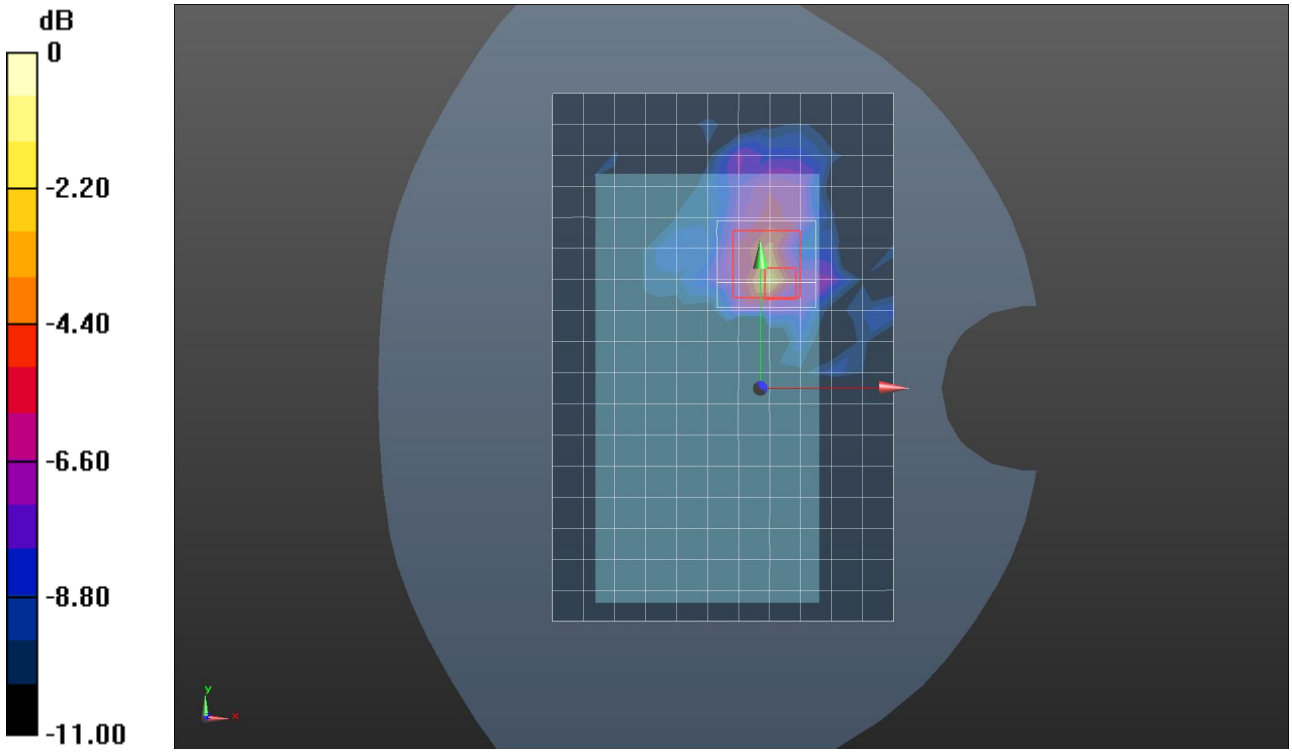
DUT: Smart Phone; Type: SH-01H; Serial: 004401115521516

Frequency: 5500 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5500 MHz; σ = 5.792 S/m; ε_r = 47.979; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(3.75, 3.75, 3.75); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0351 W/kg

Body/Rear/Zoom Scan (9x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.279 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00562 W/kg
Maximum value of SAR (measured) = 0.0614 W/kg



0 dB = 0.0614 W/kg = -12.12 dBW/kg